

SNC Reference Number
(enter if previously assigned)

PROJECT SUMMARY

County: Inyo

Applicant: Bureau of Land Management, Bishop Field Office

Project Title: Inyo Complex Post-fire Watershed Recovery

PROJECT GOAL

Use the Inyo Complex fire as an opportunity to study the subsequent recovery of burned streams, their upland watersheds and plant and wildlife populations, comparing observations of burned areas with pre-fire baseline data and with unburned control areas; and apply the knowledge gained to wildfire management and restoration in comparable habitat region-wide.

PROJECT SCOPE

Using 2 burned streams, 2 unburned streams and their watersheds, and comparing with pre-fire baseline data, BLM Bishop Field Office and Inyo National Forest will conduct a multi-aspect study including Intensive Stream Monitoring; water quality and aquatic invertebrate sampling; small mammal and reptile observations; rangeland vegetation monitoring; and riparian songbird population and habitat studies. An integrated final report will consider the interaction of these ecosystem elements and fire effects, and make wildfire management and restoration recommendations. The project is designed to be completed entirely with the requested SNC funding, with optional project enhancements if additional funding is obtained.

LETTERS OF SUPPORT

Copies of letters enclosed; originals mailed separately with our earlier application:

**California Department of Fish and Game
Eastern Sierra Audubon Society**

SNC PROJECT DELIVERABLES AND SCHEDULE

DETAILED PROJECT DELIVERABLES	TIMELINE
Conduct Intensive Stream Monitoring at stations on burned and unburned streams. Include water quality measurements.	Complete field work by October 1 2010
Conduct small mammal and reptile trapping annually	Complete field work by Oct1 2009, 2010
Conduct vegetation/livestock range monitoring	Complete field work by Oct 1 2009, 2010
Conduct aquatic invertebrate and water quality sampling	Complete field work by Oct1 2009, 2010
Conduct point count census of riparian songbirds and habitat assessments on burned streams: years 2 and 3 post-burn (year 1 has been completed)	Point counts by July 15, burned habitat assessments by Sept 1, 2009, 2010.
Conduct habitat assessment on unburned streams, year 2 or 3	Unburned habitat assessments by Sept 1 2010.
Data analysis and report including habitat relationships and management recommendations	Complete report by June 1 2011.
Complete integrated report relating stream condition, water quality, aquatic invertebrates, range condition, and riparian songbird, small mammal and reptile populations with comparisons between burned and unburned and pre and post fire conditions.	Complete integrated report by December 31 2011
Six-month project reports on all project components - due date estimates based on January 2009 start date	June 30, Dec 31 2009, 2010, 2011

SNC PROJECT COSTS

PROJECT BUDGET CATEGORIES	TOTAL SNC FUNDING
Intensive Stream Monitoring annual budget Agency personnel: 2 GS-09 (\$260/day x 5 days) = \$2600 Vehicle mileage, 500 miles @ 0.55/mile = \$275 Total = \$2875 x 2 years = \$5750	\$5800
Small Mammal and Reptile Studies annual budget Agency personnel: 1 GS-09 (\$260/day x 10 days) = \$2600 Vehicle mileage (1000 miles @ 0.55 mile) = \$550 Total = \$3150 x 2 years = \$6300	\$6300
Vegetation/Range Monitoring annual budget: Agency personnel: 2 GS-09 (\$260/day x 5 days) = \$2600 Vehicle mileage, 500 miles @ 0.55/mile = \$275 Total = \$2875 x 2 years = \$5750	\$5800
Aquatic invertebrate and water quality sampling will be conducted in conjunction with the above at no additional cost.	\$0
Riparian Songbird Study annual budget (PRBO contract) Salary & benefits, project lead: \$30.77/hr, 0.9 month, \$4801 Salary & benefits, field biologist: 25.28/hr, 0.5 month, \$2191 Housing/food/utilities \$300 Project supplies & equipment \$100 Travel (mileage, fuel, etc.) \$550 Overhead \$318 Total annual cost = \$8260, x 2 years = \$16,520	\$16,500
	\$
	\$
	\$
	\$
	\$
SNC GRANT TOTAL	\$34,400